

Table 3. Total Petroleum Consumption, Actual vs. Forecasts

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
(million barrels per day)															
AEO82	18.00	17.89	17.55	17.24	16.98	16.99									
AEO83	15.82	16.13	16.37	16.50	16.56	16.63									17.37
AEO84	15.77	15.76	16.01	16.27	16.48	16.74									18.00
AEO85	15.72	15.74	15.97	16.01	16.06	16.08	16.18	16.23	16.32	16.36	16.53				
AEO86		16.07	16.29	16.05	16.07	16.15	16.31	16.37	16.42	16.44	16.46	16.50	16.64	16.80	17.21
AEO87			16.52	16.66	16.96	17.06	17.29	17.56	17.73	17.76	17.72				
AEO89				17.01	17.20	17.44	17.57	17.72	17.76	17.78	17.82	18.05	18.12	18.19	18.40
AEO90					17.24	17.41									18.21
AEO91						16.95	16.65	16.83	17.01	17.17	17.34	17.53	17.83	18.09	18.33
AEO92							16.74	17.07	17.37	17.59	17.80	17.86	17.99	18.14	18.26
AEO93								17.07	17.45	17.79	18.15	18.26	18.60	18.88	19.07
AEO94									17.67	17.99	18.20	18.42	18.66	18.85	19.06
AEO95										17.53	17.93	17.96	18.29	18.48	18.69
AEO96											17.78	17.88	18.10	18.38	18.58
AEO97												18.18	18.34	18.70	19.05
AEO98													18.89	18.92	19.36
AEO99														18.86	19.20
AEO2000															19.33
AEO2001															
AEO2002															
AEO2003															
Actual	15.73	16.28	16.67	17.28	17.33	16.99	16.71	17.03	17.24	17.72	17.72	18.31	18.62	18.92	19.52
Average Absolute Error (Across AEOs)	0.60	0.61	0.51	0.75	0.64	0.37	0.41	0.42	0.47	0.44	0.41	0.48	0.54	0.53	0.81
(percent error)															
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
AEO82	14.4	9.9	5.3	-0.2	-2.0	0.0									
AEO83	0.6	-0.9	-1.8	-4.5	-4.4	-2.1									-2.0
AEO84	0.3	-3.2	-4.0	-5.8	-4.9	-1.5									1.6
AEO85	-0.1	-3.3	-4.2	-7.3	-7.3	-5.4	-3.2	-4.7	-5.3	-7.7	-6.7				
AEO86		-1.3	-2.3	-7.1	-7.3	-4.9	-2.4	-3.9	-4.8	-7.2	-7.1	-9.9	-10.6	-11.2	-11.8
AEO87			-0.9	-3.6	-2.1	0.4	3.5	3.1	2.8	0.2	0.0				
AEO89				-1.6	-0.8	2.6	5.1	4.1	3.0	0.3	0.6	-1.4	-2.7	-3.8	-5.7
AEO90					-0.5	2.5									2.8
AEO91						-0.2	-0.4	-1.2	-1.3	-3.1	-2.1	-4.3	-4.2	-4.4	-6.1
AEO92							0.2	0.2	0.8	-0.7	0.5	-2.5	-3.4	-4.1	-6.5
AEO93								0.2	1.2	0.4	2.4	-0.3	-0.1	-0.2	-2.3
AEO94									2.5	1.5	2.7	0.6	0.2	-0.4	-2.4
AEO95										-1.1	1.2	-1.9	-1.8	-2.3	-4.2
AEO96											0.3	-2.3	-2.8	-2.8	-4.8
AEO97												-0.7	-1.5	-1.1	-2.4
AEO98													1.5	0.0	-0.8
AEO99														-0.3	-1.6
AEO2000															-1.0
AEO2001															
AEO2002															
AEO2003															
Average Absolute Percent Error (Across AEOs)	3.8	3.7	3.1	4.3	3.7	2.2	2.5	2.5	2.7	2.5	2.3	2.6	2.9	2.8	4.1

Table 3. Total Petroleum Consumption, Actual vs. Forecasts

	2000	2001	2002
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AEO82			
AEO83			
AEO84			
AEO85			
AEO86	17.38		
AEO87	18.30		
AEO89	18.61		
AEO90	18.84		
AEO91	18.53	18.9	19.1
AEO92	18.43	18.7	18.9
AEO93	19.25	19.5	19.8
AEO94	19.34	19.5	19.7
AEO95	18.87	19.1	19.3
AEO96	18.78	19.0	19.2
AEO97	19.38	19.7	19.9
AEO98	19.62	19.9	20.3
AEO99	19.91	20.2	20.5
AEO2000	19.56	19.9	20.2
AEO2001	19.50	20.0	20.4
AEO2002		19.7	20.8
AEO2003			19.6

Actual	19.70	19.6	19.7
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Average Absolute Error (Across AEOs)	0.72	0.40	0.50
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	2000	2001	2002
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AEO82			
AEO83			
AEO84			
AEO85			
AEO86	-11.8		
AEO87	-7.1		
AEO89	-5.5		
AEO90	-4.4		
AEO91	-5.9	-4.0	-2.7
AEO92	-6.5	-4.8	-3.8
AEO93	-2.3	-0.6	0.5
AEO94	-1.8	-0.7	0.4
AEO95	-4.2	-2.9	-1.8
AEO96	-4.7	-3.2	-2.3
AEO97	-1.6	0.2	1.3
AEO98	-0.4	1.5	3.1
AEO99	1.1	3.0	4.1
AEO2000	-0.7	1.3	2.6
AEO2001	-1.0	2.0	3.6
AEO2002		0.2	6.0
AEO2003			-0.4

Average Absolute Percent Error (Across AEOs)	3.7	2.0	2.5
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Table 3. Total Petroleum Consumption, Actual vs. Forecasts

	Absolute Forecasting Errors as Compared to Actual Historical Figures															
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
AEO82	2.3	1.6	0.9	0.0	0.3	0.0										
AEO83	0.1	0.2	0.3	0.8	0.8	0.4					0.3					
AEO84	0.0	0.5	0.7	1.0	0.8	0.3					0.3					
AEO85	0.0	0.5	0.7	1.3	1.3	0.9	0.5	0.8	0.9	1.4	1.2					
AEO86		0.2	0.4	1.2	1.3	0.8	0.4	0.7	0.8	1.3	1.3	1.8	2.0	2.1	2.3	
AEO87			0.2	0.6	0.4	0.1	0.6	0.5	0.5	0.0	0.0					
AEO89				0.3	0.1	0.5	0.9	0.7	0.5	0.1	0.1	0.3	0.5	0.7	1.1	
AEO90					0.1	0.4					0.5					
AEO91						0.0	0.1	0.2	0.2	0.5	0.4	0.8	0.8	0.8	1.2	
AEO92							0.0	0.0	0.1	0.1	0.1	0.4	0.6	0.8	1.3	
AEO93								0.0	0.2	0.1	0.4	0.0	0.0	0.0	0.4	
AEO94									0.4	0.3	0.5	0.1	0.0	0.1	0.4	
AEO95										0.2	0.2	0.3	0.3	0.4	0.8	
AEO96											0.1	0.4	0.5	0.5	0.9	
AEO97												0.1	0.3	0.2	0.5	
AEO98												0.3	0.0	0.2	0.1	
AEO99												0.1	0.3	0.2		
AEO2000													0.2	0.1		
AEO2001														0.2		
AEO2002														0.2		
AEO2003																

Actual

Average
Absolute
Error
(Across
AEOs)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
(absolute percent error)																
AEO82	14.4	9.9	5.3	0.2	2.0	0.0										
AEO83	0.6	0.9	1.8	4.5	4.4	2.1						2.0				
AEO84	0.3	3.2	4.0	5.8	4.9	1.5						1.6				
AEO85	0.1	3.3	4.2	7.3	7.3	5.4	3.2	4.7	5.3	7.7	6.7					
AEO86		1.3	2.3	7.1	7.3	4.9	2.4	3.9	4.8	7.2	7.1	9.9	10.6	11.2	11.8	
AEO87			0.9	3.6	2.1	0.4	3.5	3.1	2.8	0.2	0.0					
AEO89				1.6	0.8	2.6	5.1	4.1	3.0	0.3	0.6	1.4	2.7	3.8	5.7	
AEO90					0.5	2.5					2.8					
AEO91						0.2	0.4	1.2	1.3	3.1	2.1	4.3	4.2	4.4	6.1	
AEO92							0.2	0.2	0.8	0.7	0.5	2.5	3.4	4.1	6.5	
AEO93								0.2	1.2	0.4	2.4	0.3	0.1	0.2	2.3	
AEO94									2.5	1.5	2.7	0.6	0.2	0.4	2.4	
AEO95										1.1	1.2	1.9	1.8	2.3	4.2	
AEO96											0.3	2.3	2.8	2.8	4.7	
AEO97												0.7	1.5	1.1	2.4	
AEO98													1.5	0.0	0.8	
AEO99													0.3	1.6	1.1	
AEO2000														1.0	0.7	
AEO2001															1.0	
AEO2002																
AEO2003																

Average
Absolute
Percent
Error
(Across
AEOs)

Table 3. Total Petroleum Consumption, Actual vs. Forecasts

	2001	2002	Average Absolute Error
AEO82			0.9
AEO83			0.4
AEO84			0.5
AEO85			0.9
AEO86			1.3
AEO87			0.3
AEO89			0.5
AEO90			0.3
AEO91	0.8	0.5	0.6
AEO92	0.9	0.8	0.5
AEO93	0.1	0.1	0.2
AEO94	0.1	0.1	0.2
AEO95	0.6	0.3	0.5
AEO96	0.6	0.5	0.6
AEO97	0.0	0.3	0.2
AEO98	0.3	0.6	0.2
AEO99	0.6	0.8	0.4
AEO2000	0.3	0.5	0.3
AEO2001	0.4	0.7	0.4
AEO2002	0.0	1.2	0.6
AEO2003	0.1		0.1
Actual			
Average Absolute Error (Across AEOs)			0.5

	2001	2002	Average Absolute
AEO82			5.3
AEO83			2.3
AEO84			3.0
AEO85			5.0
AEO86			6.9
AEO87			1.9
AEO89			2.9
AEO90			1.9
AEO91	4.0	2.7	3.1
AEO92	4.8	3.8	2.8
AEO93	0.6	0.5	1.0
AEO94	0.7	0.4	1.3
AEO95	2.9	1.8	2.4
AEO96	3.2	2.3	2.9
AEO97	0.2	1.3	1.3
AEO98	1.5	3.1	1.2
AEO99	3.0	4.1	2.0
AEO2000	1.3	2.6	1.4
AEO2001	2.0	3.6	2.2
AEO2002	0.2	6.0	3.1
AEO2003	0.4		0.4
Average Absolute Percent Error (Across AEOs)			2.9